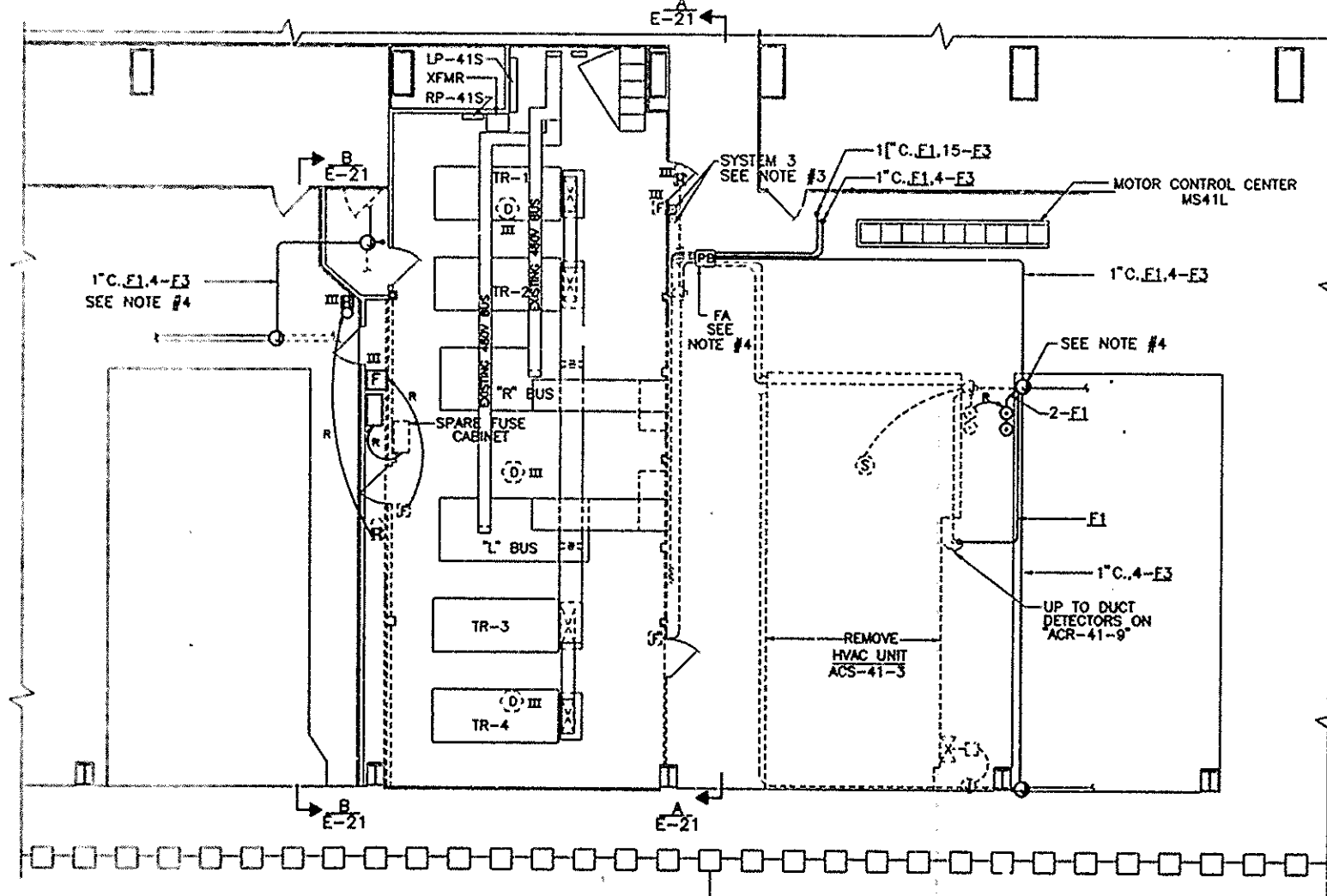


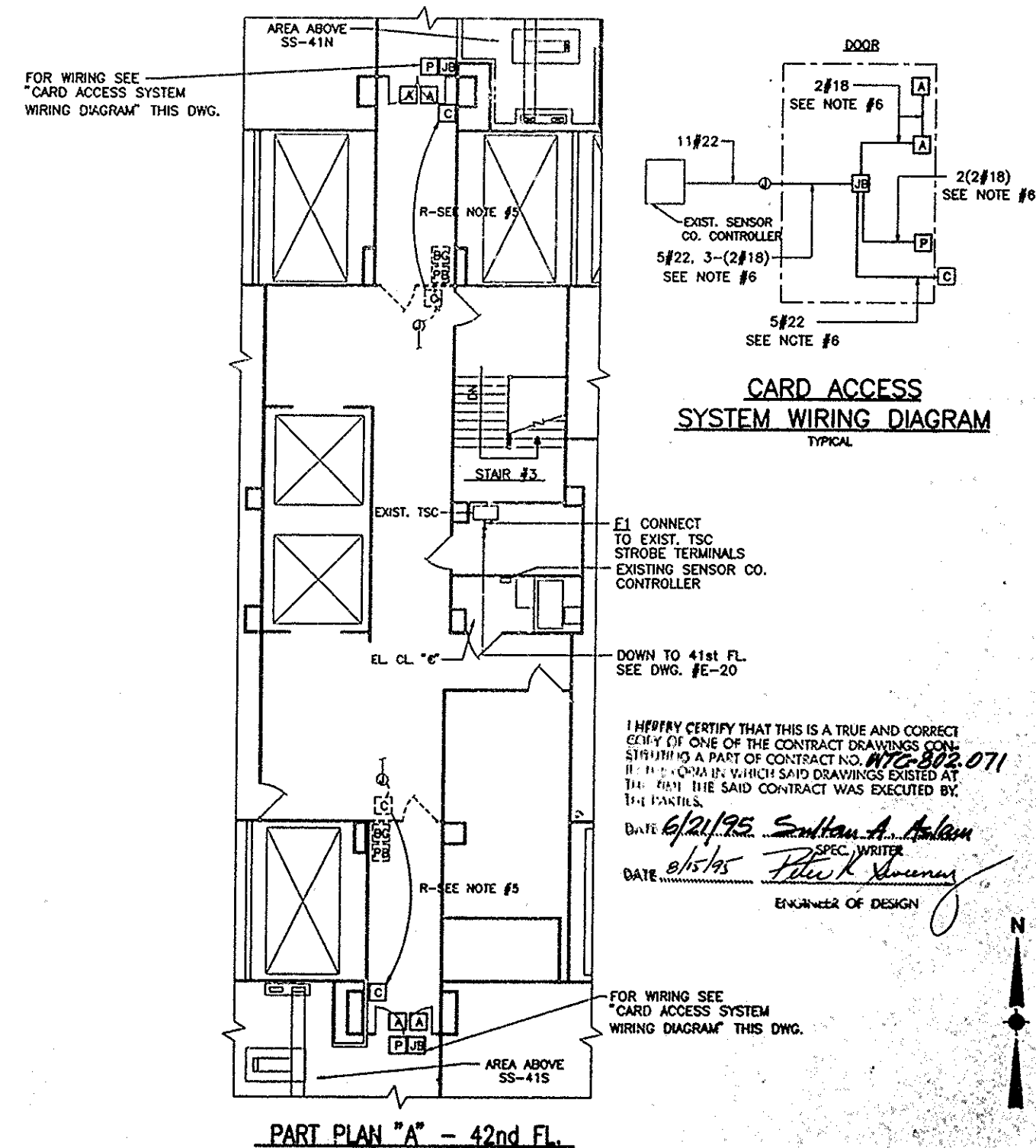
PLAN - 42nd FL. - SS-41S



PLAN - 41st FL. - SS-41S

NOTES

1. FOR LEGEND SEE DWG. #E-1, FOR GENERAL NOTES, ABBREVIATIONS AND LIGHTING FIXTURE SCHEDULE SEE DWG. #E-2.
2. FOR TYPICAL SUBSTATION STAGE I SEQUENCE OF INSTALLATION SEE DWG. #E-4.
3. REMOVE ABANDONED FIRE ALARM SYSTEM 3 DEVICE AND/OR CONDUIT SECTION.
4. INTERCEPT AND REROUTE EXISTING WIRING SYSTEM TO PROVIDE SPACE FOR NEW INSTALLATION. PROVIDE JUNCTION BOX AT ENDS OF CONDUITS THAT REMAIN. INSTALL WIRE IN REROUTED CONDUIT SECTION AS SHOWN AND SPLICE TO EXISTING WIRES IN JUNCTION BOXES.
5. RELOCATE EXISTING CARD READER AND INSTALL NEW EQUIPMENT. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED. CONNECT IN ACCORDANCE WITH CARD ACCESS SYSTEM WIRING DIAGRAM. ALL DEVICES FOR CARD ACCESS SYSTEM WILL BE PROVIDED BY THE AUTHORITY AND INSTALLED BY THE CONTRACTOR. CONTRACTOR SHALL FURNISH AND INSTALL ALL THE REQUIRED WIRING FOR THE CARD READER SYSTEM AS SHOWN ON DWG. CARD ACCESS SYSTEM MUST BE ABLE TO RESPOND AS FOLLOWS: (a) STRIKE RELEASE BY PANK PUSHBAR ACTION (b) STRIKE RELEASE BY SYSTEM CARD READER AND (c) FORCED DOOR ENTRY. ANY FORCED DOOR ENTRY MUST BE ANNUNCIATED VIA CONTROLLER TO SYSTEM PC.
6. 2#18 CABLE SHALL BE TEFLON JACKETED BELDEN #89740 OR APPROVED EQUAL. 5#22 CABLE SHALL BE SHIELDED, TEFLON JACKETED BELDEN #89777 OR APPROVED EQUAL.



PART PLAN "A" - 42nd FL.

CARD ACCESS SYSTEM WIRING DIAGRAM
TYPICAL

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. **WTC 802.071** THE PLAN THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE **6/21/95** **Santhan A. Aalam** SPEC. WRITER
DATE **8/5/95** **Felix K. Koveney** ENGINEER OF DESIGN

0 4 8 12 16
SCALE IN FEET



THE PORT AUTHORITY
OF NY & NJ

John J. Sweeney
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
John J. Sweeney
CHIEF ELECTRICAL ENGINEER

Engineering Department
Design Divisions

The World Trade Center
Electrical/HVAC
Upgrade Program

TOWER ONE AND TWO
LOW VOLTAGE
SUBSTATIONS
CONSTRUCTION AND
INSTALLATION

ELECTRICAL
SUBSTATION SS-41S
STAGE I
REMOVAL AND
RELOCATION PLANS
SHEET #2

No.	Date	Revision	Approved
1	5-1-95		

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

Designed by	Drawn by	Checked by
ROYZMAN FISCHER	ROYZMAN	A

Contract Number **WTC 802.071** Drawing Number **E-22**